

AMENDMENTS TO THE CLAIMS

Claims 1-13 (Canceled)

14. (Original) A structure for use in the manufacture of a patterned thin film magnetic recording medium, comprising:

a non-magnetic substrate including at least one major surface; and

a layer of a glass or glass-like material on said major surface of said substrate, said layer of glass or glass-like material including an exposed surface having a pattern of recesses formed therein by a process comprising steps of:

- (a) providing a non-magnetic substrate having a major surface;
- (b) providing a stamper having a recess-patterned surface comprising a negative image of said pattern of recesses to be formed in said medium;
- (c) forming a layer of a spin-coated, partially dried sol-gel material on said recess-patterned surface of said stamper, said layer comprising a micro-porous structure of silica (SiO_2) particles with solvents saturated in the micro-pores thereof, said layer having a first surface in conformal contact with said recess-patterned surface of said stamper and an exposed second surface opposite said first surface;
- (d) urging said major surface of said substrate into contact with said exposed second surface of said layer of partially dried sol-gel material;
- (e) removing said recess-patterned surface of said stamper from contact with said first surface of said layer of partially dried sol-gel material while

leaving said second surface of said layer of partially dried sol-gel material in contact with said major surface of said substrate, whereby said layer of partially dried sol-gel material is transferred to said major surface of said substrate, such that said first surface of said layer of partially dried sol-gel material is exposed and includes a positive image of said pattern of recesses; and

- (f) converting said layer of partially dried sol-gel material to a glass or glass-like layer while preserving said pattern of recesses in said exposed first surface thereof.

15. (Original) The structure as in claim 14, wherein said non-magnetic substrate comprises a disk-shaped, high modulus substrate having a pair of major surfaces and is comprised of a glass, ceramic, or glass-ceramic material.

16. (Original) The structure as in claim 14, wherein said pattern of recesses in said exposed surface of said glass or glass-like layer forms a servo pattern for said magnetic recording medium.

17. (Original) The structure as in claim 16, wherein said recesses are from about 1 to about 500 nm deep, from about .001 to about 1 μm wide, and adjacent recesses are spaced apart at least about .001 μm .

18. (Original) A servo-patterned magnetic recording medium, comprising the structure as in claim 17 and a laminate of thin film layers formed thereover, said laminate

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including seed, underlayer, magnetic recording, protective overcoat, and lubricant topcoat layers sequentially formed over said exposed first surface of said glass or glass-like layer including said positive image of said servo pattern formed therein.

Claims 19-20 (Cancelled)